



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 4525

SERIAL NUMBER 10/813,282	FILING OR 371(c) DATE 03/30/2004 RULE	CLASS 165	GROUP ART UNIT 3744	ATTORNEY DOCKET NO. 03-260
-----------------------------	--	--------------	------------------------	----------------------------------

APPLICANTS

Aaron Amstutz, Princeville, IL;
 Thomas E. Brindle, Cooleemee, NC;
 Timothy A. Bruce, Peoria, IL;
 Bruce Hershock, Morgantown, NC;
 Sandra L. Ketcherside, Pekin, IL;
 John A. Nelson, Hickory, NC;
 Dan A. Piterski, Conover, NC;
 James L. Tilson, Peoria, IL;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 06/12/2004

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY IL	SHEETS DRAWING 4	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 2
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

ADDRESS

CATERPILLAR INC.
 INTELLECTUAL PROPERTY DEPT. AB6490
 100 N.E. ADAMS
 PEORIA, IL61629-6490

TITLE

EFFICIENT HEAT EXCHANGER AND ENGINE USING SAME

FILING FEE RECEIVED 2470	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
-----------------------------	---	---